APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

General Meeting of the Department of Biology, ~~Akademia Nauk~~ Academy of Sciences, USSR,

RUSSIAN, per, Iz Ak Nauk, Biol Ser, No 1, 1961, pp 173-175.

*USDA

Sci - Biology
Apr 61

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

(NY-6503/9)

Second Symposium on the Biochemistry and Physiology of Alkaloids, by V. S. Sokolov, G. S. Il'in, 24 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Biol, No 1, 1961, pp 158-162.

JPRS 9802 164,398

Sci - Biol
8 Aug 61

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

(NY-6503/11.)

Conference on the Complex Study of the Carpathian Mountains, by A. P. Markevich, 19 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Biol, No 1, ~~RSS~~ Jan-Feb 1961, pp 169-172.

JPRS 9804

Sci - Biol.
Aug 61

161,919

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

Modern Plant Physiology and the Prospects of Its Development, by A.L. Kursanov.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Biolog, No 2, 1961, pp 181-201. 9078972

USDA

Sci - Biology
Aug 61

163,030

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

Zalenskii, O. V.
THE RELATIONSHIP OF RESPIRATION TO PHOTOSYNTHESIS IN PLANT LEAVES. [1962] [15]p.
12 refs.
Order from OTS or SLA $1.60 63-15925

Trans. of Akademiya Nauk SSSR, Izvestiya, Seriya Biologicheskaya, 1961 [v. 26, no. 2] p. 202-212.

DESCRIPTORS: *Respiration, *Photosynthesis, *Plants (Botany), Light, Carbon dioxide, Labeled substances.

Gas exchange in the assimilatory cells of plants during photosynthesis and respiration in light and in dark was studied. Determinations were made of: (1) the evolution of $C^{14}O_2$ in respiration from the loss of radioactivity, measured directly in the plant material; (2) the absorption and evolution of

(Biological Sciences--Botany, TT, v. 10, no. 7)

63-15925

1. Title: Leaves
1. Zalenskii, O. V.
II. Translations, New York

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

Placenta and Seed Culture Under Sterile Conditions as a Method of Study of Metabolism of the Forming Fruits, by V. E. Pontovich,

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Biol, No 2, 1961, pp 233-238. 9096815

USDA Tr A-1320

184,448

Sci - Biol

Feb 62

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

(SP-1878)

The Vnigting Scientific Session of the Division of Biological Sciences of the Academy of Sciences of USSR in Leningrad, 7 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Biolog, No 2, Mar/Apr 1961, pp 330-333.

JPRS 13669

193,493

Sci - Biol
May 62

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

(NY-6576/1)

Some Facts and Conclusions of Comparative Physiology with Reference to the Problem of Homeostasis, by Kh. S. Koshtoyants, 12 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Biol, No 3, May-June 1961, pp 377-385.

JPRS 9787

163,119

Sci - Biol
Aug 61

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

(NY-6594)

On the Reactions of the Organism to the Action of Small Doses of Ionizing Radiation, by M. G. Durnish'yan, 77 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Biolog, No 3, 1961, pp 386-410.

JPRS 10469

Sci - Med

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Nov 61

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

(NY-6576)

Modern Concepts of the Nature and Mechanism of Action of Enzymes, by V. L. Kretovich, 26 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Biolog, No 3, May/Jun 1961, pp 425-440.

JPRS 9788

Sci - Med

179, 117

Jan 62

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

(NY-6594/2)

Ultrasonic Waves and Certain Problems of Modern Biology, by I. Ye. El'piner, 39 pp.

RUSSIAN, per, In: Ak Nauk SSSR, Ser Fiz Biolog, No 3, 1961, pp 412-413.

2

JPRS 10188

171,572

Sci - Biol

Oct 61

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

(DC-6200)

The Activity of Microbiological Institutes in Bulgaria, by Ye. N. Mishustin, 14 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Biolog, No 3, May/Jun 1961, pp 472-482.

JPRS 8978

170,381

Sci - Biology

Oct 61

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

(SF-1968)

The Excitation of Living Cells as a Shift of the Steady State of Open Systems by A. G. Pasynskiy, G. D. Dechev, 10 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Biol, Vol IV, Jul/Aug 1961, pp 497-503.

JPRS 11094

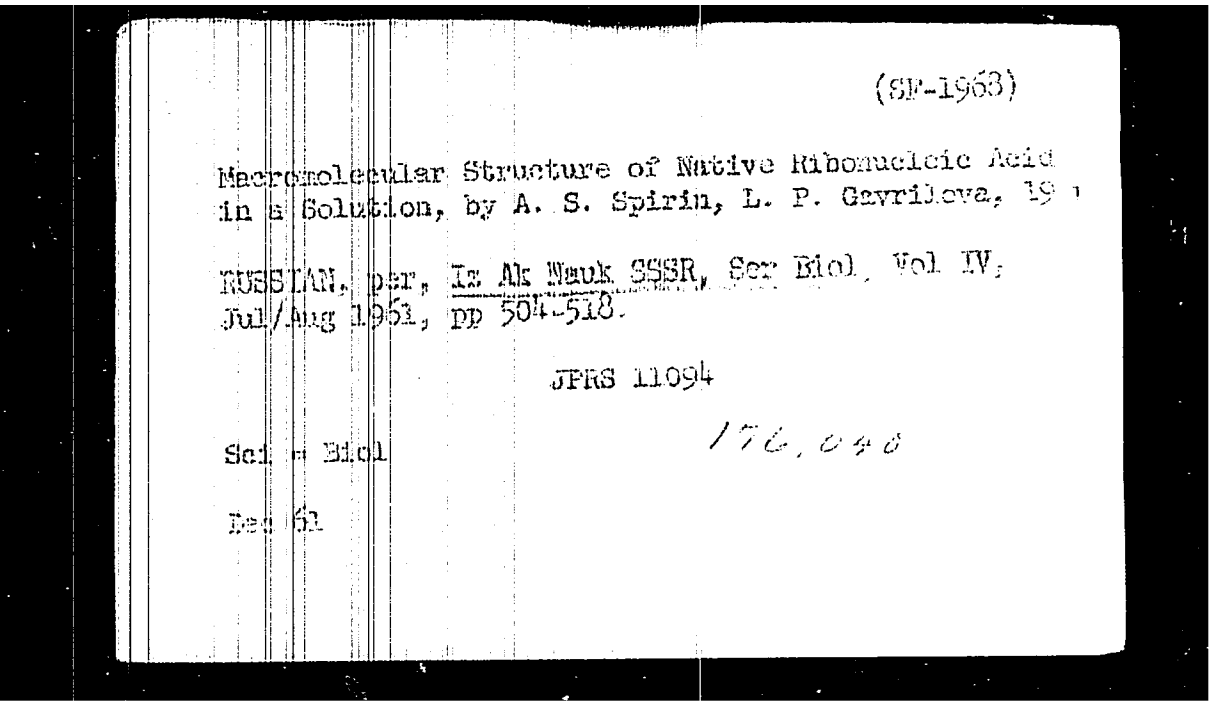
176,039

Sci - Biol

Dec 61

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8



(SF-1963)

Macromolecular Structure of Native Ribonucleic Acid in a Solution, by A. S. Spirin, L. P. Gavrilova, 19

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Biol, Vol IV, Jul/Aug 1963, pp 504-518.

JPRS 11094

176,040

Sci + Biol

Dec 61

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

(DC-1873)

ROLE OF CARBON DIOXIDE IN THE PHYSIOLOGY OF MOLDS, BY S. A. BARINOVA, 15 PP.

RUSSIAN, PER, IZ AK NAUK SSSR, SERIYA BIOL, NO 4, JUL/AUG 1961, PP 561-573.

JPRS 14903

SCI - CHEM

AUG 62

208,722

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

Timofeeva, A. G., Gusakova, E. G., and Shpingis, A. A.
COMPARATIVE STUDY OF STEROID CONVERSIONS BY SOME SPECIES OF MOLDS OF THE IMPERFECT GROUP. [1962] 9p.
Order from ATS $12.25 ATS 55P64R

Trans. of Akad[emiya] Nauk SSSR. Izv[estiya]. Ser[iya] Biol[ogicheskaya] 1961, v. 26, no. 4, p. 574-581.

DESCRIPTORS: *Steroids, Chemical reactions, *Molds.

(Biological Sciences--Biochemistry, TT, v. 9, no. 2)

63-12302

I. Timofeeva, A. G.
II. Gusakova, E. G.
III. Shpingis, A. A.
IV. ATS-55P64R
V. Associated Technical Services, Inc., East Orange, N. J.

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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

Cerebral Pulsation in the Closed Cranial Cavity, by Yu. Ye. Moskalenko, 17 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Seriya Biol, No 4, 1961, pp 620-629.

NASA TT F-158

Sci-Biol & Med Sci
Apr 63

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

(DC-1873)

CYTOMORPHOLOGICAL REACTION OF AREOLAR CONNECTIVE TISSUE TO LEUCOCYTE FACTORS, BY N. V. POPOVA, A. N. SEVERTSOV, 16 PP.

RUSSIAN, PER, IZ AK NAUK SSSR, SER BIOL, NO 4, JUL/AUG 1961, PP 630-641.

JPRS 14903

SCI -MED

AUG 62

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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

S-842/61

Towards the Twenty Second Congress of the CPSU, by N. M. Sisakyan, ((DC-6426)

RUSSIAN, per, Iz Ak Nauk SSSR-Ser Biol, No 5, 1961, pp 657-663.

*JPRS

Sci - Biol
16 Nov 61

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

NEW PRODUCTION PROCESSES TO BE DEVELOPED ON THE BASIS OF THE LATEST ACHIEVEMENTS IN BIOCHEMISTRY, BY A. I. OPARIN, 9 PP.

RUSSIAN, PER, IZ AK NAUK SSSR, SER BIOL, NO 5, 1961, PP 664-668.

NLL TR BULLETIN
VOL 4, NO 4, 1962

SCI - BIOL

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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

S-842/61

Plenary Session of the Department of Biological Sciences, Academy of Sciences of USSR, (DC-6426)

RUSSIAN, per, Iz Ak Nauk SSSR-Ser Biol, No 5, 1961, pp pp 828-830.

*JPRS

Sci - Biol
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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

(DC-6557)

Sensory Reactions and the State of Voluntary Movements of Men Under Conditions of Weightlessness, by Ye. M. Yuganov, N. N. Gurovskiy, I. I. Kas'yan, et al, 24 pp.

RUSSIAN, per, Iz Ak Nauk SSR, Ser Biol, No 6, Nov-Dec 1961, pp 897-903.

JPRS 12231

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Sci - Space Bes
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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

Prospects of Fishery Development in Internal Reservoirs of the Soviet Union, by B. I. Cherfas, L. S. Berdichevskiy, et al.

RUSSIAN, per, Iz Ak Nauk, Ser Biol, No 6, Nov, Dec 1961, pp 926-930. 9209795

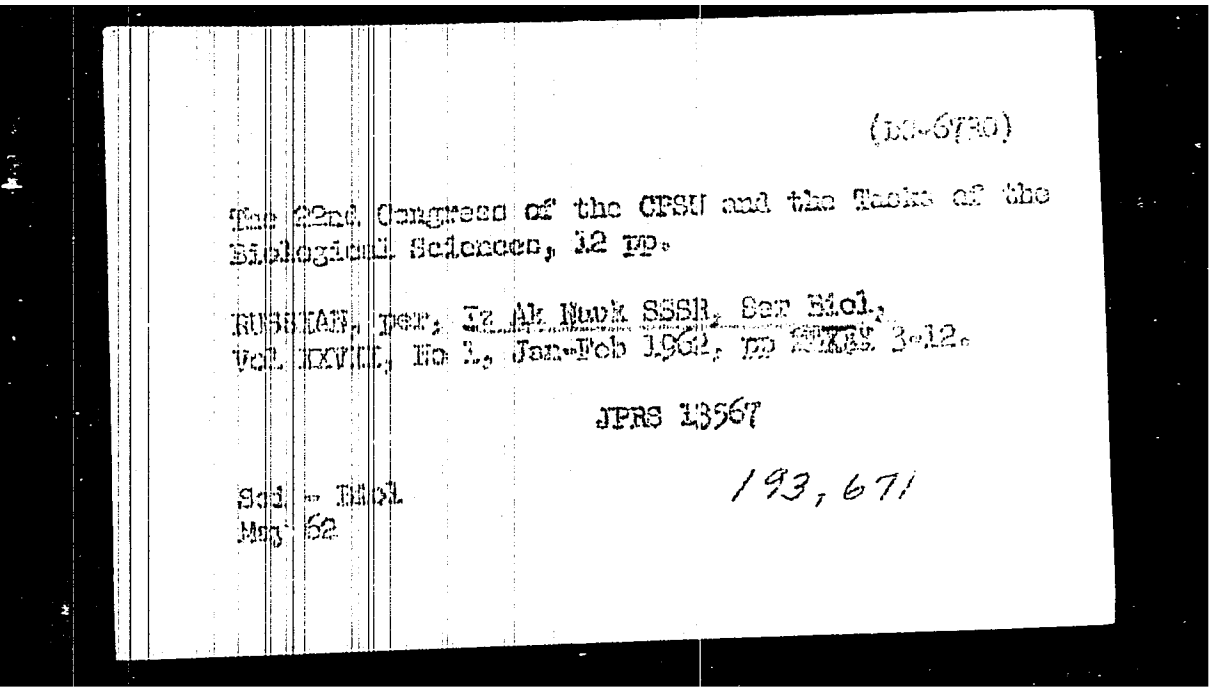
USDA Tr A-1383

Sci - Biol & Med Sci
Jul 63

236,219

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8



(xx-6730)

The 22nd Congress of the CPSU and the Tasks of the Biological Sciences, 12 pp.

RUSSIAN, per: Iz Ak Nauk SSSR, Ser Biol, Vol XXVIII, No 1, Jan-Feb 1963, pp [illegible] 3-12.

JPRS 13567

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Sci - Biol
May 62

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

Experimental Investiation of Wind Erosion of Sands,
by B. N. Senkevich, 11 p.
RUSSIAN, per, Izvestiya Seriya Biologicheskikh Nauk,
No 1, 1962, pp 21-30.
CFSTI TT 65-50030

Sci-Ear Sci
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303,726

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

(NY-7042)

THE EFFECT OF EXPLOSVIE DECOMPRESSION ON THE ORGANISM, BY V. I. YAZDOVSKIY, A. R MANSUROV, N. A. AGADZHANYAN, 9 PP.

RUSSIAN, PER, X IZ AK NAUK SSSR, SER BIOLOG, NO 1, 1962, PP 84-89.

JPRS 13562

SCI - MED
MAY 62

193,117

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

(NY-7042)

ANIMAL TOLERANCE OF HIGH G FORCE ACTING ALONG A LINE CLOSE TO THE LONGITUDINAL AXIS OF THE BODY, BY YE. M. YUGANOV, I. I. KAS'YAN, 8 PP.

RUSSIAN, PER, IZ AK NAUK SSSR, SER BIOLOG, NO 1, 1962, PP 90-94.

JPRS 13562

AF 1491223

SCI - MED
MAY 62

193,118

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

(NY-7042)

ELECTRORETINOGRAM OF IRRADIATED EYE AND INDUCTION OF THE CORNEA, BY V. V. POPOV, A I. FARBEROV, 6 PP.

RUSSIAN, PER, IZ AK NMAUK SSSR, SER BIOLOG, NO 1, 1962, PP 102-105.

JPRS 13562

SCI - MED
MAY 62

193,119

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

Melkumova, T. L.
INFLUENCE OF ANTIBIOTICS ON THE ACTIVITY AND VIRULENCE OF NODULE BACTERIA OF ALFALFA. [1963] [10]p. 7 refs. FASEB manuscript no. S 361-2.
Order from OTS or SLA $1.10 63-19363

Trans. of Akademiya Nauk SSSR. Izvestiya. Seriya. Biologicheskiya, 1962 [v. 27] no. 1, p. 117-121.

DESCRIPTORS: *Antibiotics, Adaptation (Physiology), Viability, *Bacteria, *Grasses, Streptomycins, Aureomycin.

Streptomycin in a concentration from 10 to 0.01 unit/ml has an inhibitory effect on the development of pure cultures of nodule bacteria. The addition of streptomycin in a concentration from 10 units to 0.0001 unit/ml to Kovrovseva's medium inhibits the growth and de-
(Biological Sciences--Microbiology, TT, v. 10, no. 6)
(over)

63-19363

I. Melkumova, T. L.
II. FASEB S-361-2
III. Federation of American Societies for Experimental Biology, Washington, D. C.
IV. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

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(NY-7042)

THE DISTRIBUTION OF Co^{60} AND SOME RADIOISOTOPE FISSION PRODUCTS AMONG THE COMPONENTS OF EXPERIMENTAL BODIES OF WATER, BY I. O. BOGATYREV, 8 PP.

RUSSIAN, PER, IZ AK NAUK, SSSR, SER BIOLOG, NO 1, 1962, PP 122-126.

JPRS 13562

SCI - MED
MAY 62

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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

(DC-6731)

Applied Cytology, by A. S. Troshin, V. P. Peribok, et al, 8 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Biol, Vol XXVII, No 1, Feb 1962, pp 127-~~310~~. 130.

JPRS 13487

Oci - Biol
Apr 62

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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

(NY-7042)

CONGRESSES, CONFERENCES AND MEETING OF THE FIRST INTERNATIONAL BIOCHEMICAL CONGRESS, [illegible]
20 PP.

RUSSIAN, PER, IZ AK NAUK SSSR, SER BIOLOG, NO 1, 1962, PP 141-150.

JPRS 13562

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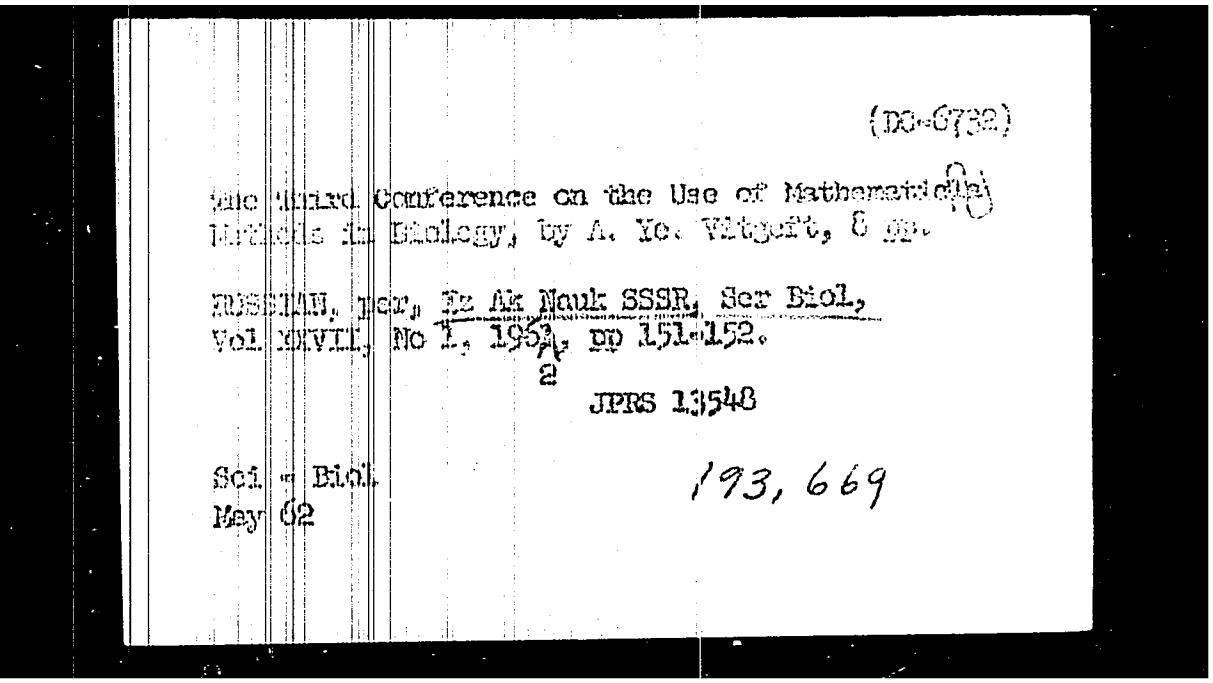
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8



(DC-6732)

The Third Conference on the Use of Mathematical Methods in Biology, by A. Ye. Vitgeft, 6 pp.

RUSSIAN, per, Zh Ak Nauk SSSR, Ser Biol, Vol XXVII, No 1, 1963, pp 151-152.

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JPRS 13548

193,669

Sci - Biol
May 62

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

Problems of Space Biology and Physiology,
by N. M. Sisakyan, V. V. Parin, 11 pp.

RUSSIAN, per, Izvestiya Akademii Nauk SSSR, Seriya Biologicheskaya, No 2, 1962, pp 153-162.

JPRS 16083

Sci - Biol

Nov 62

~~Unclass~~
17,643

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

Intensification of Photosynthetic Productivity of the Unicellular Algae Culture, by A. A. Michiporovich, V. E. Semenenko, et al.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Biol, No 2, 1962, pp 163-172. 9068177

USDA Tr A-1363

Sci - Biol.
Nov 62

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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

Nitrogen Nutrition as a Factor in the Ontogenesis of Annuals, by I. Volodarskii. RUSSIAN, per, Izvestiya Akademii Nauk SSSR, Seriya Biologicheskaya, No 1, 1962, pp 19-207
CSIRO/No 6352

Sci -
Jul 67 334,495

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

Controlled Organogenesis and Regeneration of a Whole Plant in a Culture of Non-differentiated Plant Tissue, by R. G. Butenko and Z. M. Yakovleva.
RUSSIAN, per, Izvestiya Akad Nauk SSSR, Seriya Biologicheskaya, 1962, pp 230-241.
MLL RTS 2621 (On Loan or Purchase)
OTS TT-64-23530
Aug 65

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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

Shakhnazarov, G. M.
THE EFFECT OF IMPROVED NUTRITION IN THE STIMULATION OF THE DEVELOPMENT PROCESS IN EARLY RABBIT EMBRYOS. [1962] [32]p. 22 refs. FASEB manuscript no. S 161-2.
Order from OTS or SLA $3.60 63-19003

Trans. of Akademiya Nauk SSSR. Izvestiya. Seriya Biologicheskaya, 1962 [v. 27] no. 2, p. 260-270.

DESCRIPTORS: *Nutrition, *Rabbits, *Embryos, Stimulation, Growth, Morphology.

Female rabbits were fed diets high in protein and vitamins to stimulate their metabolic processes in order to alter early embryonic development. The developmental level of individual embryos was evaluated numerically. The more differentiated portions
(Biological Sciences--Pathology, TT, v. 10, no. 6)
(over)

63-19003

I. Shakhnazarov, G. M.
II. FASEB S-161-2
III. Federation of American Societies for Experimental Biology, Washington, D. C.
IV. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

SCIENTIFIC ACHIEVEMENTS BY ESTABLISHMENTS OF THE DEPARTMENT OF BIOLOGICAL SCIENCES (ACADEMY OF SCIENCES USSR) AND THEIR INTRODUCTION INTO PRACTICE, BY N. M. SISYAKAN, 20 PP.

RUSSIAN, PER, IZVESTIYA AK NAUK SSSR, NO 3, 1962, PP 317-333. SER BIOL,

JPRS 18091

SCI - BIOL-MED SC
MAR 63

225,453

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

USE OF CONTINUOUS CULTURE METHOD FOR PHYSIOLOGICAL INVESTIGATION OF CELLS OF MICROBES AND OTHER ORGANISMS, BY N. D. JERUSALIMSKIY, 23 PP.

RUSSIAN, PER, IZ AK NAUK SSSR, SER BIOL, NO 3, 1962, PP 418-429. 9678364 9666808

FTD-TT-62-1099

SCI - BIOL
11 OCT 62

212,364

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Shakhidhanyan, L. G. and others.
DISTRIBUTION OF RADIOACTIVE CAESIUM AND STRONTIUM IN HUMAN AND ANIMAL ORGANS.
[1963] 7p.
Order from OTS or SLA $1.10 63-16454

Partial trans. (tables only) of Akademiya Nauk SSSR, Izvestiya, Seriya Biologicheskaya, 1962 [v. 27] no. 3, p. 442-448.

DESCRIPTORS: *Labeled substances, Radioactivity, Animals, Man, *Cesium, *Strontium.

(Biological Sciences--Radiobiology, TT, v. 10, no. 9)

63-16454

1. Shakhidhanyan, L. G.

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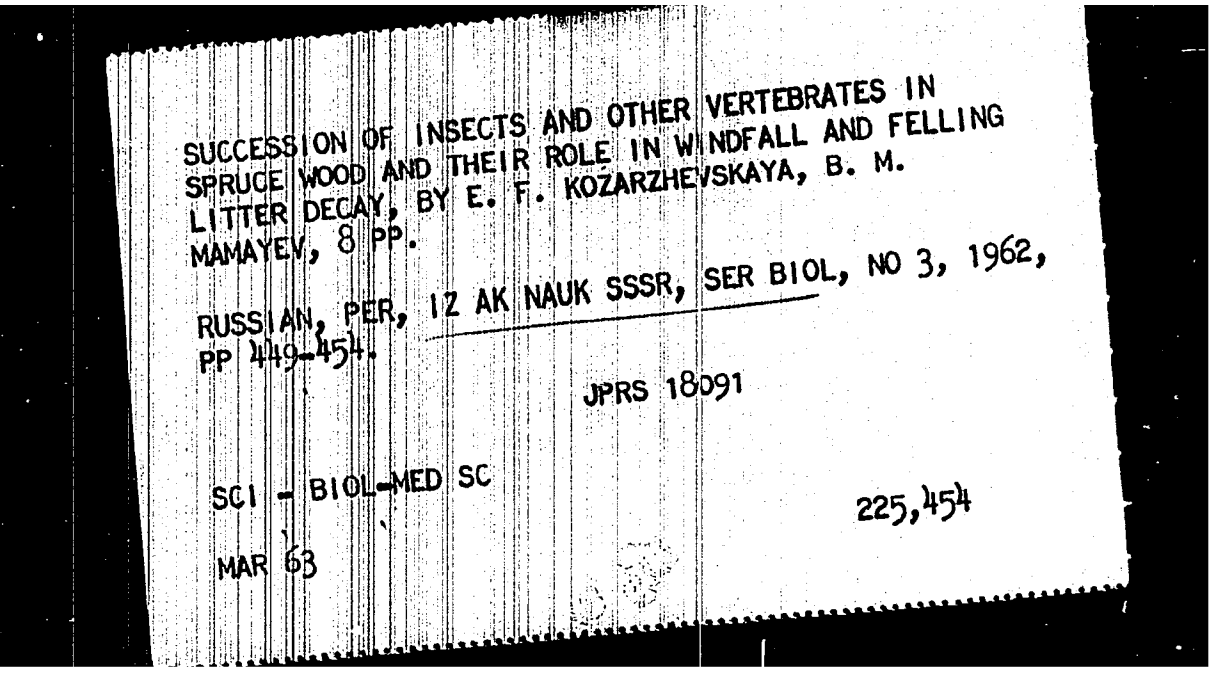
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8



SUCCESSION OF INSECTS AND OTHER VERTEBRATES IN SPRUCE WOOD AND THEIR ROLE IN WINDFALL AND FELLING LITTER DECAY, BY E. F. KOZARZHEVSKAYA, B. M. MAMAYEV, 8 PP.

RUSSIAN, PER, IZ AK NAUK SSSR, SER BIOL, NO 3, 1962, PP 449-454.

JPRS 18091

SCI - BIOL-MED SC

MAR 63

225,454

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

MOTOR ACTIVITY OF INTACT ANIMALS UNDER THE CONDITIONS OF ARTIFICIAL GRAVITY, BY YE. M. YUGANOV, P. K. ISAKOV, 11 PP.

RUSSIAN, PER, IZ AK NAUK SSSR, SER BIOL, NO 3, 1962, PP 455-460. 9678364 96828

FTD-TT-62-1099

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SCI - BIOL
11 OCT 62

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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

ANNUAL GENERAL MEETING OF THE DEPARTMENTS OF BIOLOGICAL SCIENCES, ACADEMY OF SCIENCES USSR, BY T. N. SHCHERBINOVSKAYA, 6 PP.

RUSSIAN, PER, IZ AK NAUK SSSR, SER BIOL, NO 3, 1962, PP 473-476.

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On the Development Cycle of the Tick Hyalomma Anatolicum Anatolicum Koch, by G. V. Serdyukova. RUSSIAN, per, Izv Akad Nauk SSSR [Biol], No 2/3, 1946, pp 199-202.
HEW-NIH (Only on Loan)
10-52-67

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Dec 67

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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

(S-656/62)

Information RNA and Regulatory Mechanisms of Protein Sunthesis in Bacteria, by A. S. Spirin, V. N. Smirnov, (NY-7251) 3500.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Biol, No 4, 1962, pp 477-501.

JPRS 14893

Sci - Biol

24 Sept 62

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

Kulaev, I. S. and Belozerskii, A. N.
CONDENSED INORGANIC PHOSPHATES IN THE METABOLISM OF LIVING ORGANISMS. PT. 2. THE FORMATION OF CONDENSED INORGANIC PHOSPHATES AND THEIR TRANSFORMATION IN THE LIFE CYCLE OF ORGANISMS. [1963] [51p] 312refs FASEB Manuscript no.: S 203-2.
Order from OTS, SLA, or ETC $5.60 TT-63-24481

Trans. of Akademiya Nauk SSSR, Izvestiya, Seriya Biologicheskaya, 1962 [v. 27] no. 4, p. 502-522. (Abstract available)

DESCRIPTORS: *Phosphates, *Metabolism, Energy, Inorganic compounds, *Biosynthesis, Biochemistry, Morphology.

The chemical structure and biological role of poly- and metaphosphates are reviewed. The following are
(Biological Sciences--Physiology, TT, v. 11, no. 5)
(over)

TT-63-24481

I. Kulaev, I. S.
II. Belozerskii, A. N.
III. Title: Formation ...
IV. FASEB-S-203-2
V. Federation of American Societies for Experimental Biology, Washington, D.C.
VI. Scripta Technica, Inc., Washington, D. C.

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Alikhanyan, S. I.
INDUCED MUTAGENESIS IN THE SELECTION OF MICROORGANISMS. [1963] [48]p. 51 refs. FASEB manuscript no. S 204-2
Order from OTS or SLA $4.60 63-23045

Trans. of Akademiya Nauk SSSR, Izvestiya. Seriya Biologicheskaya, 1962 [v. 27] no. 4, p. 544-575.

DESCRIPTORS: *Mutations, *Genetics, Micro-organisms, Antibiotics, *X-rays, *Ultraviolet radiation.

(Biological Sciences, TT, v. 10, no. 8)

63-23045

I. Alikhanyan, S. I.
II. FASEB S-204-2
III. Federation of American Societies for Experimental Biology, Washington, D. C.
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Krasil'nikov, N. A.
GENERAL PRINCIPLES IN CLASSIFYING ANTIBIOTIC-PRODUCING ACTINOMYCES. [1963] [38]p. 23 refs.
FASEB manuscript no. S 205-2.
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DESCRIPTORS: Classification, *Antibiotics, Taxonomy, *Actinomyces, Spores, Culture media, *Biological assay, Growth, Biological stains.

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I. Krasil'nikov, N. A.
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The Experience of Physiological Analysis of the Process of Immunogenesis in Connection With Its Conditioned Reflex Regulation, by V. I. Luk'yanenko, (NY-7251) 17 pp.

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Primary Production of the Kuibyshev Reservoir,
by M. A. Salmanov, Yu. I. Sorokin.

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Study of Changes of Bioelectric Activity of the Cerebral Cortex During the Action of Protracted Transverse Overloads on the Organism, by G. V. Izosimov, A. N. Razumeyev, (NY-7251) 10050.

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Joint Session of the Department of Biological Sciences USSR and the Department of Dedico- Biological Sciences of the Academy of Medical Sciences USSR Devoted to Problems of Biological Bases of Malignant Growth, by V. M. Mityushin, (NY-7251)

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Biol, No 4, 1962, pp 636-639.

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(S-656/62)

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~~XXXR~~ JPRS 14893

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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

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MEETING CONCERNING THE BIOLOGICAL ASPECTS OF CYBERNETICS, BY V. G. KORCHEREZHKIN, 7 PP.

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Biochemistry of Autotrophic Nitrogen Assimilation in Plants, by Yu V. Kretovich.
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Role of Trace Elements in Nitrogen Fixation,
by N. B. Krylova.
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NLL FTS 2637 (On Loan or Purchase)

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LONG RANGE AGRICULTURAL RESEARCH, BY Z. V. POZDNYAKOVA, 6 PP.

RUSSIAN, PER, IZVESTIYA AK NAUK SSSR, SERIYA BIOLOGICHESKAYA, NO 5, 1962, PP 804-806.

JPRS 17535

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THE 11 MAY 1962 MEETING OF THE PRESIDIUM OF THE ACADEMY OF SCIENCES OF THE USSR DEVOTED TO THE PROBLEM OF MOLECULAR BIOLOGY, BY I. V. SUKHANOVA, 13 PP.

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JPRS 16987

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FIGHTING HARMFUL INSECTS, BY A. B. GUKASYAN,
6 PP.

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Nucleic Acids and Evolution in Algae, by
G. P. Seronkov, 18 pp.

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Biochemical Aspects of the Radiation Method of Preserving Food Products, by L. V. Metilitskiy. (DC-8396)

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Action Potentials of Vestibular Neurons in Cats, by O. G. Gazenko, Yu. P. Limanskiy, 5 pp. RUSSIAN, per, Iz Ak Nauk SSSR Seriya Biol, No 6, 1962, pp 925-928. JPRS 25896

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CONFERENCE ON ELECTRON MICROSCOPY, BY A. N. STUDITSKIY, 11 PP.

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JPRS 18280

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AT A SESSION OF THE GENERAL ASSEMBLY OF THE BIOLOGICAL SCIENCES SECTION ACADEMY OF SCIENCES USSR, BY V. G. KOCHEREZHKIN, 5 PP.

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JPRS 18280

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EXTRATERRESTRIAL LIFE, BY A. I. OPARIN, 7 PP.

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JPRS 18538

SCI - BIOL & MED SCI
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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

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PROBLEMS IN CYBERNETICS AND SPACE MEDICINE, BY V. V. PARIN, R. M. BAYEVSKIY, 6 PP.

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EXPERIMENTAL STUDIES IN COSMIC PHYSIOLOGY, BY
P. V VASIL'YEV, A. D. VOSKRESENSKIY, 20 PP.

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PP 15-23 9670294

JPRS 18985
NASA TT F-186 (14 pp) 9212314
FTD-TT-63-719
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SCI - MED BIOL
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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

Vasil'ev, P. V., Voskresenskii, A. D., and Gazenko, O. G.
EXPERIMENTAL STUDIES IN SPACE PHYSIOLOGY. [1963] [25p] 12refs FASEB manuscript no. S 508-3. Order from OTS, SLA, or ETC $2.60 TT-64-13441

Trans. of Akademiya Nauk SSSR. Izvestiya. Seriya Biologicheskaya, 1963, v. 28, no. 1, p. 15-24. Another trans. is available from OTS $2.25 in TT-63-21723, JPRS-18985, 30 Apr 63, 96p and an unedited rough draft trans. from OTS or SLA $1.60 as TT-63-24140, FTD-TT-63-719, 16 Jul 63 [15p], NASA TT-F-186, OTS TT-63-11906, NLL Ref: QP31.P 1963 (186) LOAN
DESCRIPTORS: *Space medicine, *Space biology, Space flight, Physiology, Acceleration.

(Biological Sciences--Physiology, TT, v. 11, no. 9)

TT-64-13441

I. Vasil'ev, P. V.
II. Voskresenskii, A. D.
III. Gazenko, O. G.
IV. FASEB-S-508-3
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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

REACTIONS OF THE CARDIOVASCULAR AND RESPIRATORY SYSTEMS OF ANIMALS DURING FLIGHTS IN HERMETIC CABINS OF ROCKETS UP TO AN ALTITUDE OF 212 KM, BY I. I. KASIYAN, 34 PP.

RUSSIAN, PER, IZ AK NAUK SSSR, SERIYA BIOLOGICHESKAYA, VOL XXVIII, NO 1, 1963, PP 24-39.

JPRS 18985 FASEB

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MAY 63

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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

Saidrasulov, S. S.
THE EFFECT OF A NUCLEIC ACID-VITAMIN COMPLEX ON REPARATIVE REGENERATION OF STAB-CUT PENETRATING WOUNDS OF THE MYOCARDIUM (Vliyanie Kompleksa, Vklyuchayushchego Nukleinovye Kisloty i Vitaminy, na Reparativnuyu Regeneratsiyu Kolot-Rezanykh Pronikayushchikh Ran Miokarda).
[53], [13p] 29refs FASEB Ms no. S510-3.
Order from OTS, SLA, or ETC $1.60 TT-64-13860
figs available on loan from OTS

Trans. of Akademiya Nauk SSSR. Izvestiya. Seriya Biologicheskaya, 1963, v. 28, no. 1, p. 99-105.

Descriptors: *Wounds and injuries, *Regeneration, Therapy, *Nucleic acids, *Vitamins, *Heart.

(Biological Sciences--Pathology, TT, v. 11, no. 8)

TT-64-13860

I. Saidrasulov, S. S.
II. FASEB-S-510-3
III. Federation of American Societies for Experimental Biology, Washington, D. C.
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Dynamics of Ch... phyll and the Intensity of Its Formation in Plants in Different Conditions of Nitrogen Nutrition, by L. Obolenkaya, N. Zhadkova. RUSSIAN, per, xxx Iz Ak Nauk SSSR, Ser Biol, No 1, 1963, pp 108-114.
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TT-64-19549

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TENTH EUROPEAN CONGRESS ON AVIATION AND SPACE MEDICINE, BY A. A. GYURDZHIAN, A. V. YEREMIN, 27 PP

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MEETING HONORING THE FIRST ARTIFICIAL EARTH SATELLITE, BY G. P. MIKHAYLOVSKIY, 8 PP.

RUSSIAN, PER, IZ AK NAUK SSSR, SERIYA BIOLOG, NO 1, 1963, PP 152-156.

JPRS 18994

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The Pharmacological Charistics of Sympatholytic Preparations with a New Type of Action,
by V. M. Avakyan, 14 pp.
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ON THE ROLE OF VIRUSES IN THE ORIGIN OF CANCER,
BY L. A. ZIL'BER, 16 PP.

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JPRS 19571

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THE GENETICS OF TUMOR CELLS, BY YU. M. OLENOV,
26 PP.

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SOME PHYSIOLOGICAL REACTIONS OF ANIMALS DURING FLIGHTS IN THE BIO-CABINS OF BALLISTIC ROCKETS UP TO HEIGHTS OF 450-473 KM, BY I. I. KAS'YAN, 17 PP.

RUSSIAN, PER, IZ AKADEMII NAUK SSSR - SERIYA BIOL, NO 2, 1963, PP 201-213.

JPRS 19571

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Copper Content in Food Products of the Turkmen SSR, by N. N. Grigor'yants.
RUSSIAN, per, Izvestiya Akademiya Nauk Turkmenskoi SSR Seriya Biologicheskikh Nauk, No 2, 1963, pp 203-209.
OTS TT-64-19676

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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170065-8

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THE REMOTE EFFECT OF COSMIC FLIGHT UPON THE VESTIBULAR-TONIC AND FLEXOR REFLEX IN THE GUINEA PIG, BY Z. I. APANASENKO, M. A. KUZNETSOVA, 10 PP.

RUSSIAN, PER, IZVESTIYA AKADEMII NAUK SSSR - SERIYA BIOL, NO 2, 1963, PP 214-221.

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MORPHOLOGICAL AND HISTOCHEMICAL INVESTIGATIONS OF THE LABYRINTH OF ANIMALS IN THE CONDITIONS OF A CHANGING GRAVITATIONAL FIELD, BY YA. A. VINNIKOV, O. G. GASENKO, 12 PP.

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MICRONECROTIC FOCI IN THE SPLEENS OF IRRADIATED ANIMALS, BY V. A. SONDAK, M. N. MEYSEL', 10 PP.

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JPRS 19571

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MICROBIOLOGICAL INVESTIGATIONS OF A KARA KUM SULFUR DEPOSIT, BY G. I. KARAVAYKO, M. V. IVANOV, 15 PP

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JPRS 20027

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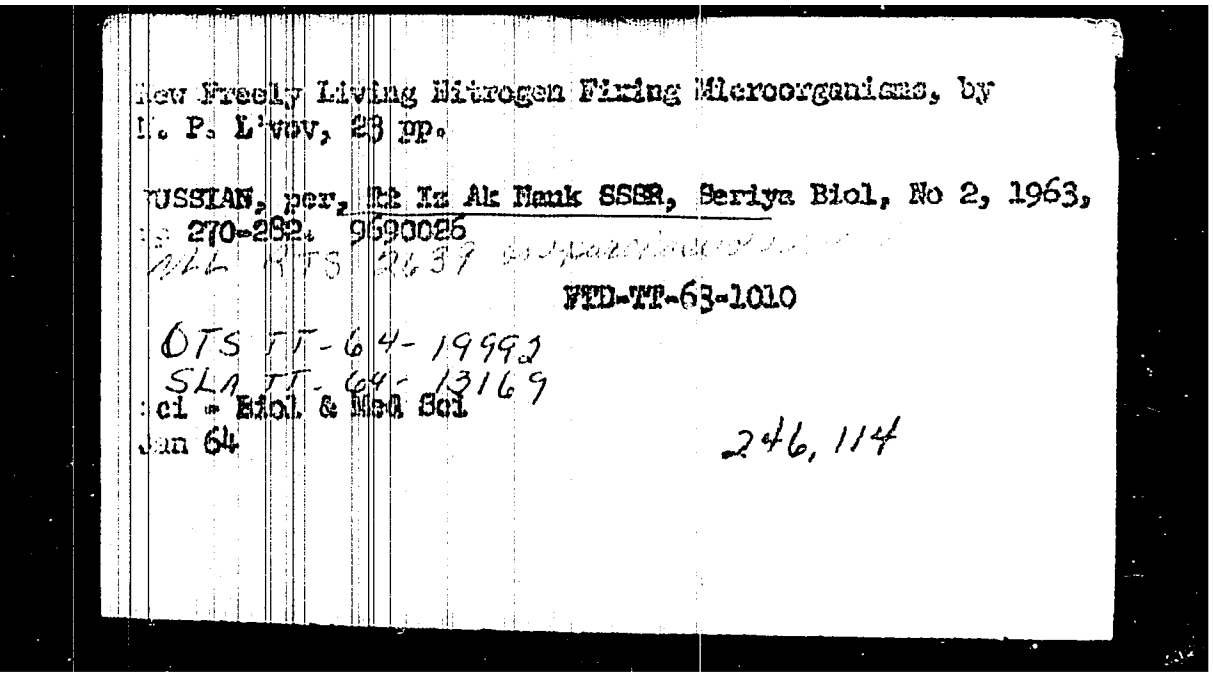

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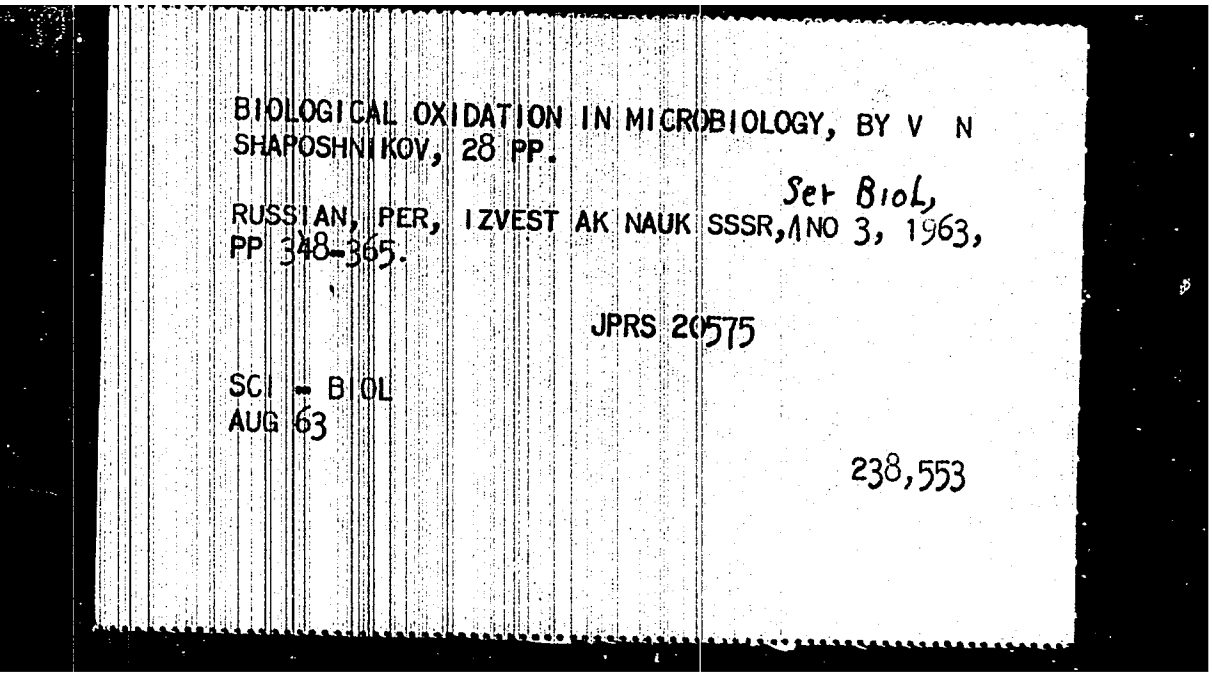

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DESCRIPTORS: Tissues (Biology), *Body weight, Mathematical analysis, Skeleton, Heart, Liver

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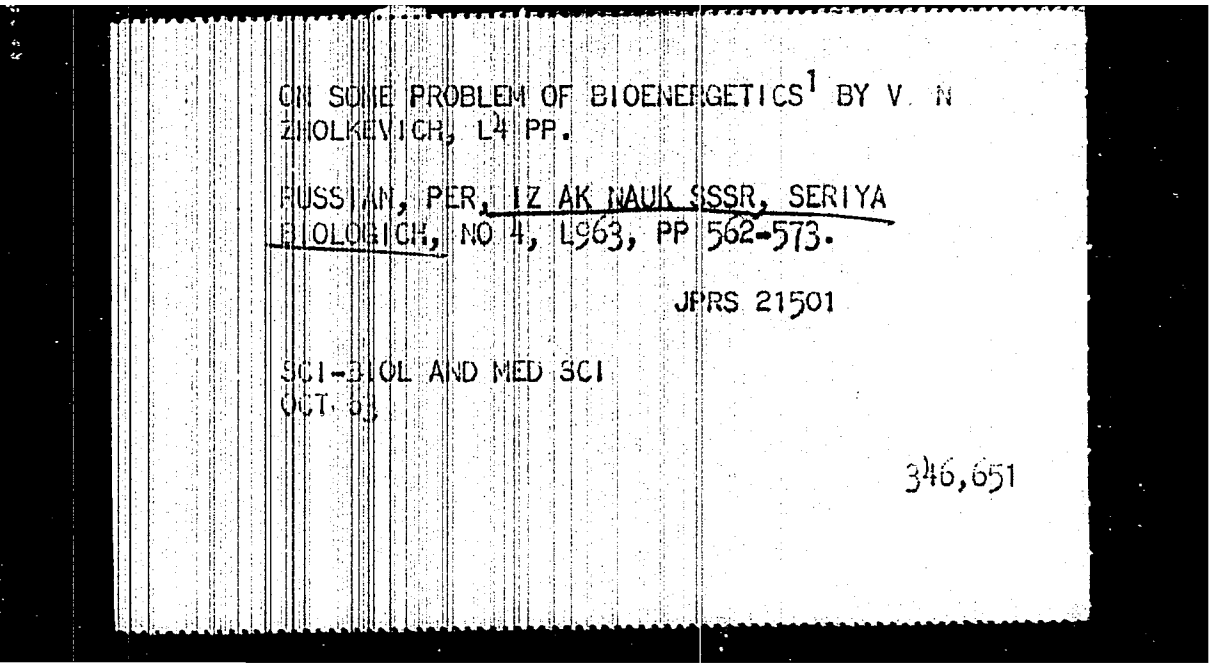

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